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TC 1700

AF/1765

Patent  
Attorney's Docket No. 015290-504

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	)	Box AF
	)	
Tuqiang NI et al.	)	Group Art Unit: 1765
	)	
Application No.: 09/883,207	)	Examiner: D.V. Deo
	)	
Filed: June 19, 2001	)	Confirmation No.: 9862
	)	
For: PLASMA ETCHING OF DIELECTRIC	)	
LAYER WITH ETCH PROFILE	)	
CONTROL	)	

AMENDMENT/REPLY TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a reply for the above-identified patent application.

- ☐ A Petition for Extension of Time is also enclosed.
- ☐ A Terminal Disclaimer and the ☐ \$55.00 (2814) ☐ \$110.00 (1814) fee due under 37 C.F.R. § 1.20(d) are also enclosed.
- ☐ Also enclosed is/are \_\_\_\_\_.
- ☐ Small entity status is hereby claimed.
- ☐ Applicant(s) requests continued examination under 37 C.F.R. § 1.114 and enclose the ☐ \$375.00 (2801) ☐ \$750.00 (1801) fee due under 37 C.F.R. § 1.17(e).
- ☐ Applicant(s) requests that any previously unentered after final amendments not be entered. Continued examination is requested based on the enclosed documents identified above.
- ☐ Applicant(s) previously submitted \_\_\_, on \_\_\_, for which continued examination is requested.
- ☐ Applicant(s) requests suspension of action by the Office until at least \_\_\_, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.

(05/03)

- ☐ A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (1809/2809) is also enclosed.
- ☒ No additional claim fee is required.
- ☐ An additional claim fee is required, and is calculated as shown below:

AMENDED CLAIMS					
	NO. OF CLAIMS	HIGHEST NO. OF CLAIMS PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	ADD'L FEE
Total Claims		MINUS =		× \$18.00 (1202) =	
Independent Claims		MINUS =		× \$84.00 (1201) =	
If Amendment adds multiple dependent claims, add \$280.00 (1203)					
Total Claim Amendment Fee					
If small entity status is claimed, subtract 50% of Total Claim Amendment Fee					
TOTAL ADDITIONAL CLAIM FEE DUE FOR THIS AMENDMENT					-0-

☐ A total fee in the amount of \$ \_\_\_\_\_ is enclosed.

☐ Charge \$ \_\_\_\_\_ to Deposit Account No. 02-4800.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

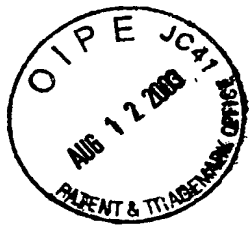
BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: August 12, 2003

By: \_\_\_\_\_

  
Peter K. Skiff  
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LAYER WITH ETCH PROFILE CONTROL	)	
	)	

**REQUEST FOR RECONSIDERATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**REMARKS**

Reconsideration of the May 13, 2003 Official Action is respectfully requested.

Claims 1-20 are pending in the application for the Examiner's review and consideration.

**Ground of Rejection**

Claims 1-20 were rejected under 35 U.S.C. § 103(a) as being allegedly unpatentable over U.S. Patent Nos. 6,403,488 ("Yang"); 4,615,764 ("Bobbio") and 6,117,786 ("Khajehanouri"). The reasons for the rejection are set forth in numbered paragraph 2 on pages 2-5 of the Official Action. The Official Action alleges that (1) it would have been obvious to add O<sub>2</sub> and SO<sub>2</sub> of Bobbio to the oxide etch of Yang, and (2) that it would have been obvious to control the amount of O<sub>2</sub> and SO<sub>2</sub> because Khajehanouri teaches profile control by controlling the amount of O<sub>2</sub>. This rejection is respectfully traversed.